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Student abservation: 1) what is the difference between cross call 5) and straight cable? Ans: Straight cable: wires on both ends how the same pin configuration and used to connect different types of devices to cornect similar devices 2) which type of cable is used to connect two PC? Ars Cross Cable 3) which type of cable is used to connection a router (switch to your PC) Ans Straight Cable 4) Find out the category of twisted pair cabb used in your LAN to connect the PC to the network device saket. Ans) cat 5 e (Category 5 e) - supports speed up to 16-Cot 6 (Category 6 8) - Supports speal up to 10th foodby to storter distance.

The study of different types of cables have been conducted successful

apsara 5) write down your understandings, challenges faced, and output received while making a twisted pair cross? straight cable in understanding: A twisted pair cable has -8 wires in 4 color - coded pairs. roking a straight cable lises same wiring standard · raking a cross cable uses different standards on each end · Proper sequence and insertion into RJ 45 connectors is crucial challenges Faced: · Aligning the small wires in the correct · Cetting the wires to Iqual length · Inserting twises fully into the RJ45 output recieved: Successfully created a cable. · Tested-using a LAN tester - all lights
glowed in correct sequence

Used to connect two devices and verified data transfer or internet connectivity